

Conductive Polymer Market Insights about Your Competitors and Their Marketing Approach

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WILMINGTON, DELAWARE, UNITED STATES, May 6, 2024 / EINPresswire.com/ -- The global conductive polymer market, as outlined in the recent report by Allied Market Research titled "Conductive Polymer Market by Type and Application: Global Opportunity Analysis and Industry Forecast,



Conductive Polymer Market Insights

2019–2026," showcased promising growth. In 2018, the market was valued at \$3.9 billion, with projections indicating a climb to \$7.4 billion by 2026, marking a notable CAGR of 8.1% during the forecast period.



Surge in demand for electronic products and increase in usage of conducting polymers in solar cell manufacturing have boosted the growth of the global conductive polymer market."

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Key drivers behind this growth include the escalating demand for electronic goods and the expanding utilization of conducting polymers in solar cell production. However, challenges such as high production costs have somewhat impeded market progression. Nevertheless, the surge in electric mobility presents promising prospects for the near future.

Among the polymer types, polyaniline (PANI) emerged as the dominant segment in 2018,

capturing a significant share of nearly one-fourth of the market. This was attributed to PANI's exceptional properties, including high conductivity and electroactivity, alongside magnetic, optical, and electronic attributes. Meanwhile, the PEDOT segment is poised to exhibit the highest CAGR of 10.6% during the forecast period, fueled by the growing demand for solar equipment worldwide to generate electricity and mitigate pollution.

In terms of applications, the polymer capacitor segment is anticipated to witness the fastest CAGR of 9.3% through 2026. This surge is primarily driven by the increasing adoption of electric vehicles globally, necessitating efforts to reduce carbon footprint and reliance on traditional fuels, thus bolstering the demand for polymer capacitors. Additionally, the anti-static packaging and coating segment commanded a considerable share in 2018, driven by the upsurge in demand for portable electronic devices and the heightened need for conductive polymers in anti-static packaging.

Geographically, North America claimed the largest market share in 2018, accounting for approximately one-third of the global market. This stronghold was attributed to the robust presence of the electronics and semiconductor industry, coupled with advanced technological infrastructure and extensive R&D facilities in the region. However, Europe is poised to exhibit the highest CAGR of 8.8% during the forecast period, driven by the growing adoption of electric vehicles across the European Union to combat pollution and reduce reliance on fossil fuels.

Key players shaping the conductive polymer market landscape include SABIC, Celanese Corporation, Agfa Gevaert, Heraeus Group, Merck KGAA, Kemet Corporation, Solvay, American Dyes Inc., Abtech Scientific, and Rieke Metals.

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